

**Claims:**

**I claim:**

1. A process for caching ink information comprising the steps of:  
rendering ink;  
writing information relating to a transparency map relating to said ink; and,  
caching said transparency map.
2. The process according to claim 1, further comprising the steps of:  
storing said transparency map.
3. The process according to claim 1, wherein said rendering step produces a  
bitmap of said ink.
4. The process according to claim 1, wherein said transparency map is an alpha  
channel of an image.
5. The process according to claim 4, wherein said image is a bitmap image.
6. A system for caching ink information comprising:  
means for rendering ink;  
means for writing information relating to a transparency map relating to said ink; and,  
means for caching said transparency map.
7. The system according to claim 6, further comprising:  
means for storing said transparency map.
8. The system according to claim 6, wherein said means for rendering produces a  
bitmap of said ink.
9. The system according to claim 6, wherein said transparency map is an alpha  
channel of an image.
10. The system according to claim 9, wherein said image is a bitmap image.
11. A process for displaying ink information comprising the steps of:  
receiving transparency information relating to ink;  
combining said transparency information with foreground information;  
combining the combination of said transparency information and said foreground  
information with background information to form a resultant image; and,  
displaying said resultant image.
12. The process according to claim 11, wherein said transparency information is in  
an alpha channel of an image.

13. The process according to claim 12, wherein said image is a bitmap image.
14. A system for displaying ink information comprising:  
means for receiving transparency information relating to ink;  
means for combining said transparency information with foreground information;  
means for combining the combination of said transparency information and said foreground information with background information to form a resultant image; and,  
means for displaying said resultant image.
15. The system according to claim 11, wherein said transparency information is in an alpha channel of an image.
16. The system according to claim 12, wherein said image is a bitmap image.